

CLAIMS

1. Non-woven fabric material provided with the capacity to develop an electrostatic charge, characterised in that it is formed of fibres in synthetic material with different deniers or counts.
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2. Material as claimed in claim 1, characterised in that the ratio between the denier or count of the largest fibres and the denier or count of the finest fibres is at least 2:1.3.
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3. Material as claimed in claim 2, characterised in that the aforesaid ratio ranges from 2:1 to 36:1, preferably from 7:1 to 11:1.
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4. Material as claimed in claim 1, characterised in that it is formed of a mixture of fibres (1) from 1 to 1.5 denier and fibres (2) with a fineness below 0.5 denier.
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5. Material as claimed in ~~one or more of the above~~ claims, characterised in that at least 3% of its surface is formed of fibres with finer deniers / counts.
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6. Material as claimed in ~~one or more of claims 1 to 4~~, characterised in that at least 50% of its surface is formed of fibres with finer deniers / counts.
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7. Material as claimed in ~~one or more of the above~~ claims, characterised in that it has a density of less than 1.3 g/cm³, preferably around 0.6 g/cm³.
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8. Material as claimed in ~~one or more of the above~~ claims, characterised in that it has the capacity to acquire an electrostatic charge of at least 1 Volt.
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9. Material as claimed in ~~one or more of the above~~ claims, characterised in that the aforesaid fibres are polyacrylic, polyamide, polyester or polypropylene fibres.
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10. Material as claimed in ~~one or more of the above~~ claims, characterised in that it is formed of 90% of 1.5 denier polyester fibres and 10% of 0.14 denier polyester fibres.
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11. Material as claimed in ~~one or more of claims 1 to 9~~, characterised in that it is
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formed of 90% of 1 denier polyester fibres and 10% of 0.14 denier polyester fibres.

12. Material as claimed in ~~one or more of claims 1 to 9~~, characterised in that it is formed of 80% of 1.5 denier polyester fibres and 20% of 0.14 denier polyester fibres.

13. Material as claimed in ~~one or more of claims 1 to 9~~, characterised in that it is formed of 80% of 1 denier polyester fibres and 20% of 0.14 denier polyester fibres.

14. Material as claimed in ~~one or more of claims 1 to 9~~, characterised in that it is formed of 70% of 1 denier polyester fibres and 30% of 0.14 denier polyester fibres.

15. Material as claimed in ~~one or more of claims 1 to 9~~, characterised in that it is formed of 50% of 1 denier polyester fibres and 50% of 0.14 denier polyester fibres.

16. Material as claimed in ~~one or more of claims 1 to 9~~, characterised in that it is formed of 50% of 1.5 denier polyester fibres, 30% of 1 denier polyester fibres and 20% of 0.14 denier polyester fibres.

17. Material as claimed in ~~one or more of claims 1 to 9~~, characterised in that it is formed of 50% of 1 denier polyester fibres, 30% of 0.8 denier polyester fibres and 20% of 0.14 denier polyester fibres.

18. Material as claimed in ~~one or more of claims 10 to 17~~, characterised in that the said 0.14 denier polyester fibres are obtained by dividing 2.2 denier polyester fibres into sixteen parts.

19. Material as claimed in ~~one or more of the claims above~~, characterised in that it has a mesh of reinforcing material.

20. Material as claimed in ~~one or more of claims 1 to 18~~, characterised in that it has bicomponent fibres or fibres with the lowest melting point.

21. Material as claimed in ~~one or more of claims 1 to 20~~, characterised in that it has the capacity to acquire an electrostatic charge varying from 1.22 to 3.23 Volt.

22. Cloth for dry-cleaning surfaces in general with the capacity to develop an electrostatic charge during use, characterised in that it is produced with the non-woven fabric material as claimed in one or more of the claims above.

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